From Calf to Beef

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STØTTET AF
Kvægafgiftsfonden

Work Packages

WP1: Identification of key parameters and areas of focus in a ‘Best Practise’ concept

- Workshops
- Testing of individal ‘best practise’ actions, on farm:

  WP1-1: The effect of using a concept of totally counseling

  WP1-2: The effect of ‘Step down’ milk supply to veal calves, one week before sale

  WP1-3: The effect of a high milk supply in the veal calve farm on health, ADG and at slaugther

  WP1-6: The effect og giving warm water in trough from insertion and to 14 days efter weaning

  Results are coming up:

  WP1-4: The effect of reducing stocking rate in the insertion section (from age 1-3 month)

WP2: Testing and demonstration of ‘Best Practise’ recommendations at 4 Veal Calf farms

WP3: Developing a koncept of ‘Best Practise’ for the use of Veal Calf producers and their advisors

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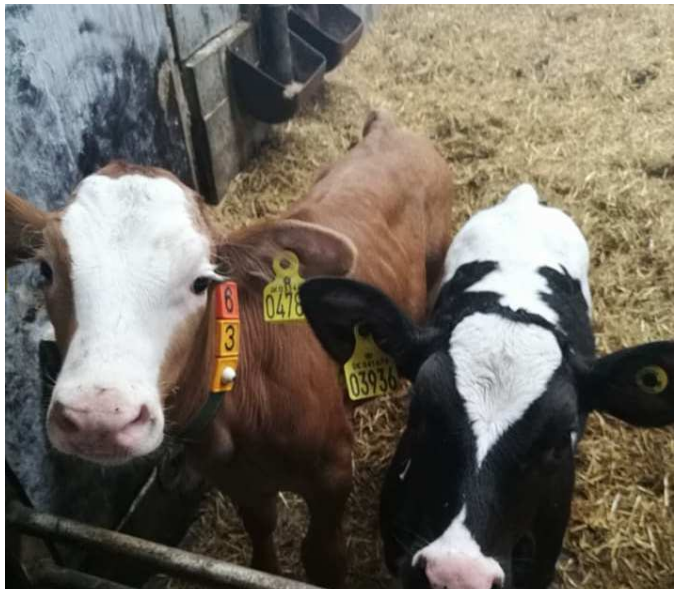
WP1-1 Testing the effect of using a concept of totally counseling

- **One Veal Calf producer (1200 veal calves per year)**
  - Weekly follow-up and assistance (6 insertion teams)
  - Point weighing (3, 5 og 7 weeks after insertion)



- **On going adjustments and implementations of new actions**
  - Milkfeeding
  - Health and treaments
  - Eating places
  - Quality of feed

Målsætning

	01.08.2016 – 31.07.2017	MÅL
Nettotilvækst, g/dag	602	620
Dødelighed (1-180dg), %	9,4	< 5
Dansk Kalv, %	80	≥ 85
ADD-forbrug	1,68	≤ 1,20

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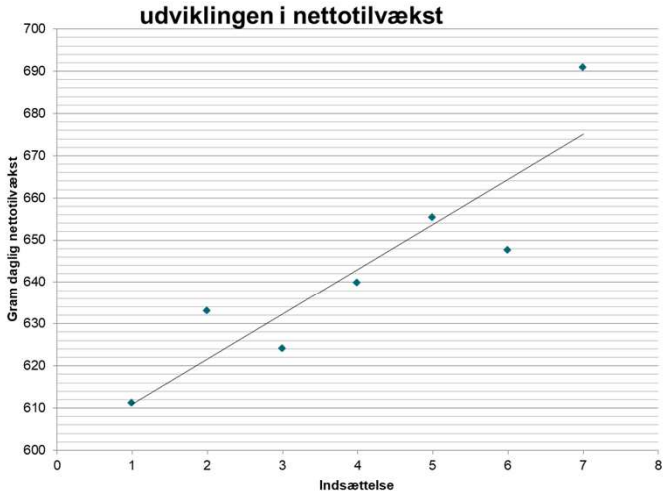
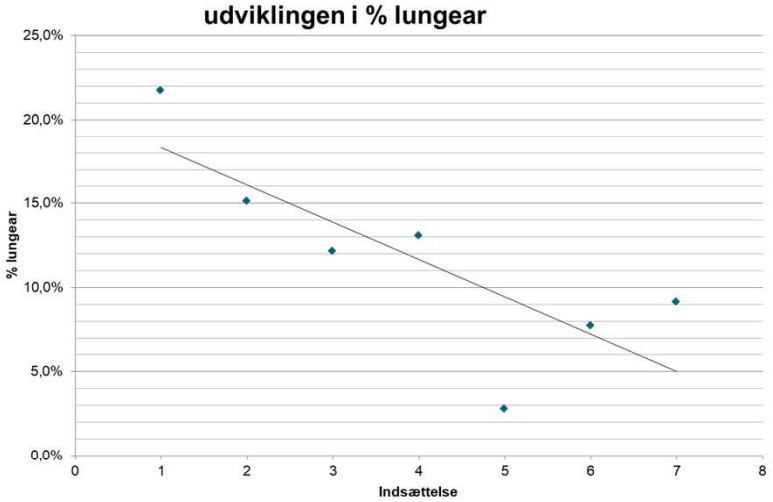
The effect of a concept of totally counseling

- Increased net gain
- Improved health
- Reduced mortality





	01.08.2016 – 31.07.2017	MÅL	Opnået	
Nettotilvækst, g/dag	602	620	650	✓
Dødelighed (1-180dg), %	9,4	< 5	6 %	
Dansk Kalv, %	80	≥ 85	88 %	✓
ADD-forbrug	1,68	≤ 1,20	1,50	

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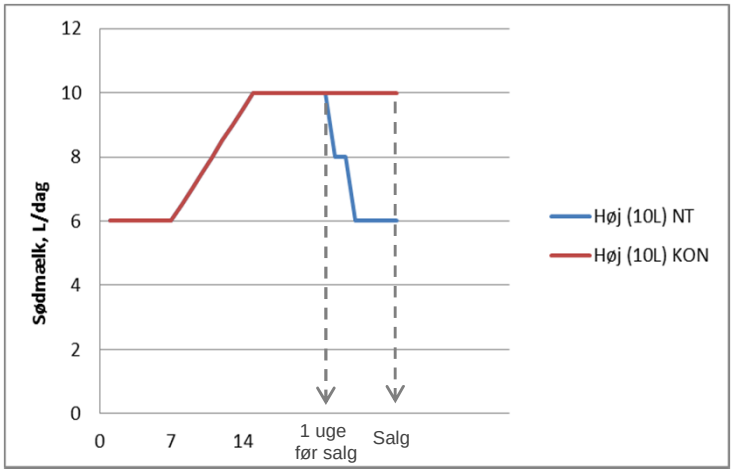
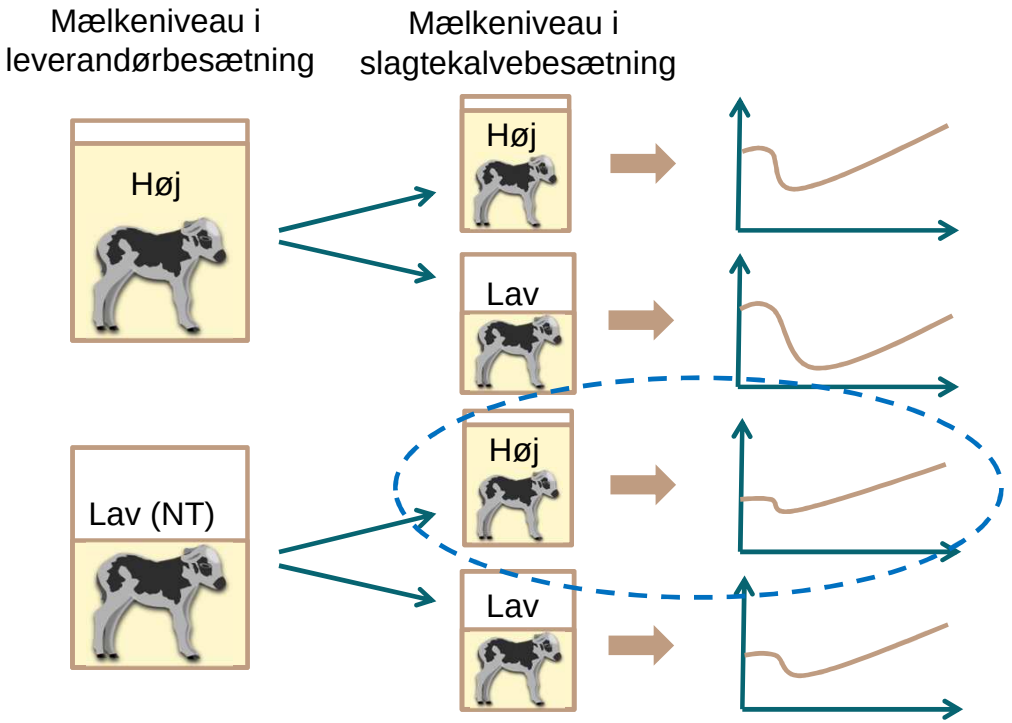
WP1-2 & WP1-3:
Milk level and step down in the Herd of origin and at the veal calf farm

Purpose

1. We wanted to explore the effect of step down milkfeeding in the herd of origin before moving the calf



2. We wanted to explore the effect of increasing the milk levet in the veal calf farm efter insertion and to weaning.



5 vs. 7 liter.

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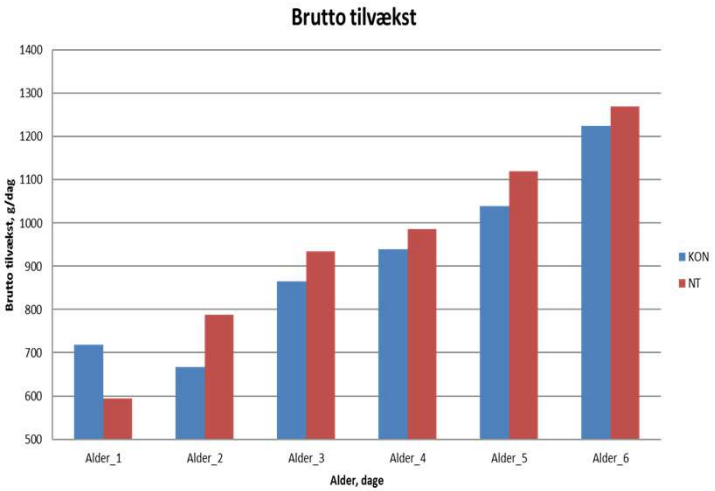
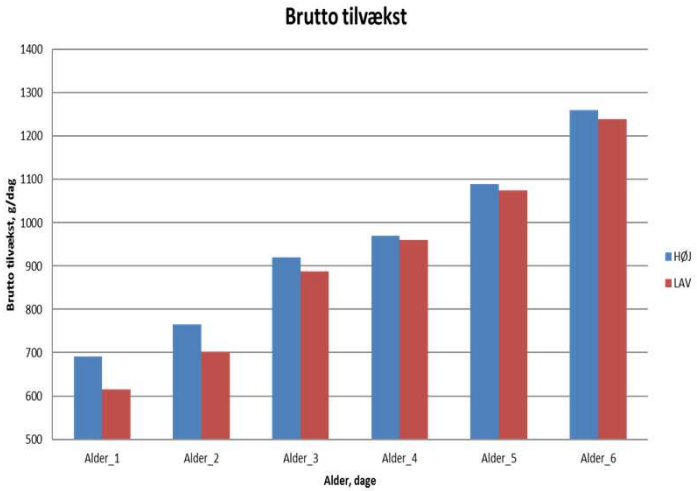
WP1-2: Results

- An increased ADG at the veal calf farm, when using ‘step down milkfeeding’ one week before sale in the herd of origin
- An increased ADG at the veal calf farm immediately efter insertion, when feeding high levels of milk (similar use of MR in the two groups)
- A low tendency to a decreased level of treatments in group C
- An increased economical value of the calves in group C from insertion to slaugther.





Gruppe	Behandling	Slg alder	Foder dage	Slg vægt	Lev Vægt	Form	Netto tilvækst	Brutto tilvækst
A	KON-HØJ	297	267	201	395	3,26	610	1243
B	KON-LAV	303	272	199	391	3,08	589	1211
C	NT-HØJ	295	262	203	398	3,38	616	1279
D	NT-LAV	297	264	201	395	3,31	608	1260
I alt		298	266	201	395	3,26	606	1249

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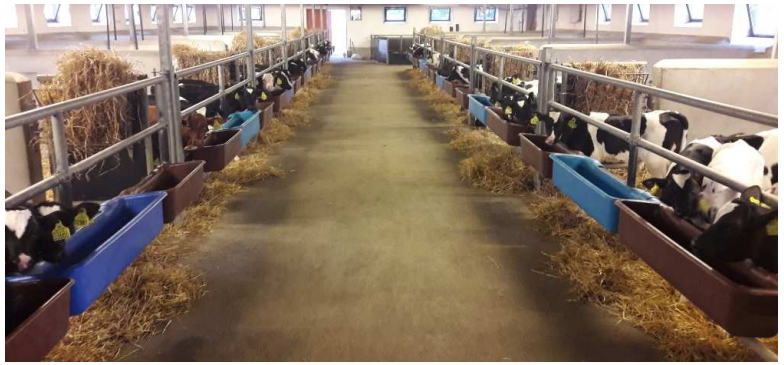
WP1-6 The effect of allocating tempered water in throug to small veal calves

Purpose
To achieve improved health and ADG in calves offered tempered water in trough to supplement cold water from drinking cup.



From insertion to 14 days after weaning

38°C water

Health

Growth

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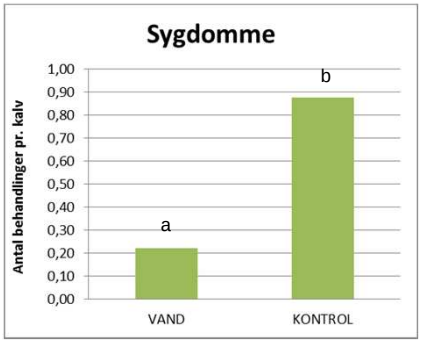
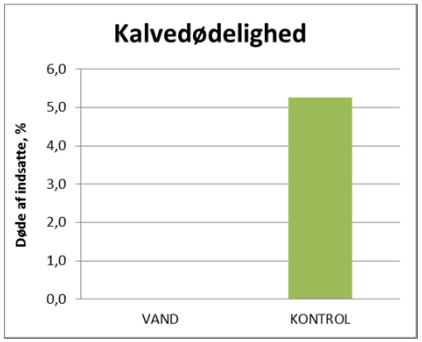
WP1-6: Results

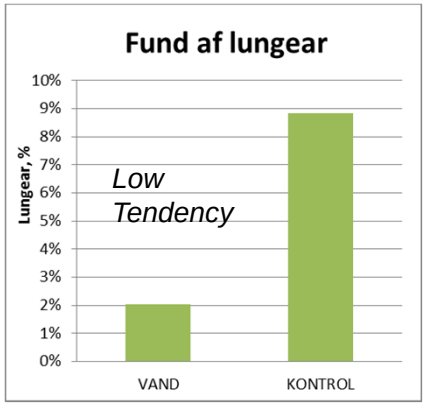
- Significantly fewer treatments
- No dead calves at the group with extra water
- Tendency to reduced finding of lung damages at slaugther
- Tendency to a increased EUROP klassification
- No significant effect of ADG – why not?

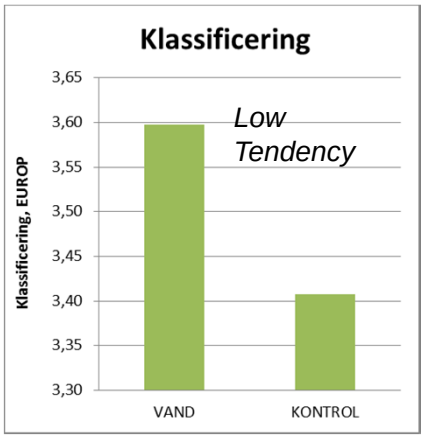
Rekommandations:

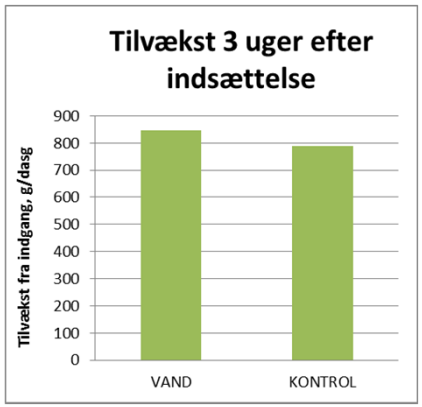
Supply with 2-3 liters tempered or hot water (35 C) during the milk period and 2-3 weeks after weaning.











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WP2: Testing and demonstration of ‘Best Practise’ recommendations at 4 Veal Calf farms

WP3: Developing a koncept of ‘Best Practise’ for the use of Veal Calf producers and their advisors

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Thank you for your attention
Questions?